

Trade Finance Solution Framework

Overview

The **Trade Finance Solution Framework** (TFF) addresses the growing challenges in trade finance—such as stricter compliance regulations, increased sanctions enforcement, higher transaction volumes, and tighter processing timelines—by leveraging Tungsten Automation’s Intelligent Automation platform. Combining cognitive capture, Intelligent Document Processing, AI, machine learning, and advanced analytics, TFF streamlines complex, document-heavy workflows to reduce manual effort, ensure compliance, and enhance operational efficiency.

The TFF seamlessly integrates with trade and sanctions screening systems, accelerating end-to-end processing, reducing risk, and supporting business growth and profitability through improved speed, accuracy, and customer satisfaction.

Full audit trails and customizable reports enable comprehensive monitoring and transparent reconciliation of all processed transactions. These capabilities also support the clear demonstration of **operational savings and efficiency gains**.

- **Automated processing of trade documents**
- **Greater transparency and operational insight** through robust set of reports
- **Automated cross-document rule checks**
- **Enhanced compliance support**
- Significantly **reduced manual data entry** tasks allowing employees to focus on higher value-add activities and minimize human error
- **Improved data quality** which enhances the **effectiveness** of automated cross-document rule checks
- With **intuitive and easy to use User Interfaces** exception handling becomes faster and more accurate.
- All relevant **information presented in context** / side-by-side



Key Features

- **Comprehensive Document Coverage:** Supports over 75 core trade document types with automated identification and data extraction.
- **Extensive Data Extraction:** Leverages AI and machine learning to extract up to 2,000 data points from trade documents.
- **Pretrained Document Models:** Accelerates automated classification, separation, merging, and data extraction processes.
- **User-Friendly Interface:** Intuitive UI for configuring and managing business rules with minimal training.
- **Seamless System Integrations:** Built-in connectors for screening and financial systems (e.g., FircoSoft, CGI Hotscan, Eastnets Safewatch, BT Systems, IBM MQ, and custom-built solutions).
- **Intelligent Document Matching:** Matches data and documents on specified rules
- **Flexible Rules Engine:** Simplifies configuration of complex, cross-document validation and processing rules.
- **Integrated Compliance Check:** Built-in blacklist/whitelist checks for enhanced compliance.
- **Mandatory Document Validation:** Ensures presence and completeness of required trade documents.
- **SWIFT Message Processing:** Ingests and interprets SWIFT messages and trade data in any format.
- **Pre-Built Validation Rules:** Includes over 120 pre-configured rules for validating SWIFT and trade data.
- **Trade Portal Integration:** Enables ingestion of trade documents alongside structured trade data.
- **Real-Time Monitoring & Reporting:** Provides live dashboards and historical analytics for comprehensive production oversight.
- **Configurable Data Export:** Outputs processed, validated, and SWIFT-compatible data to downstream systems.
- **Support for Diverse Trade Products:** Handles processing for Funds Transfers, Collections, Import/Export LCs, Guarantees, and other trade finance instruments.

Contact Information

For orders or more information, please email us at PSBusinessDevelopment@tungstenautomation.com and our local Tungsten team will assist you.